

What is claimed is:

1. A concentrated hormone pharmaceutical composition comprising:

from about 0.6 to about 80% of at least one hormone;
from about 20 to about 90.4 % of at least one solvent, and
optionally a pharmaceutically acceptable carrier.

2. A concentrated hormone pharmaceutical composition according to claim 1, wherein the hormone is chosen from estradiol, estrone, estriol, testosterone, DHEA, pregnenolone, progesterone, or combination thereof.

3. A concentrated hormone pharmaceutical composition according to claim 1, wherein the solvent is a mixture of 50% ethoxy diglycol and 50% propylene glycol.

4. A concentrated hormone pharmaceutical composition according to claim 1, wherein the pharmaceutical composition is a suspension and wherein the carrier a viscous liquid.

5. A concentrated hormone pharmaceutical composition comprising:

from about 0.6 to about 50% of at least one hormone;
from about 50 to about 90.4 % of at least one solvent,
optionally a carrier, and
optionally a coloring agent,
wherein the at least one hormone is chosen from estriol, estradiol, or combination thereof.

6. A concentrated hormone pharmaceutical composition according to claim 5, wherein the at least one hormone is a combination of estriol and estradiol in a ratio of 5:5, 6:4, 7:3, 8:2, or 9:1.

7. A concentrated hormone pharmaceutical composition comprising:

from about 0.6 to about 50% of at least one hormone;
from about 50 to about 90.4 % of at least one solvent,
optionally a carrier; and
optionally a coloring agent,

wherein the at least one hormone is chosen from estriol, estradiol, estrone, or combination thereof.

8. A concentrated hormone pharmaceutical composition according to claim 7, wherein the at least one hormone is a combination of estriol, estradiol, and estrone in a ratio of 5:4:1, 6:3:1, 7:2:1, or 8:1:1.

9. A concentrated hormone pharmaceutical composition comprising:

from about 0.8 to about 80% of at least one hormone;
from about 20 to about 90.2 % of at least one solvent,
optionally a pharmaceutically acceptable carrier; and
optionally a coloring agent,
wherein the at least one hormone is testosterone.

10. A concentrated hormone pharmaceutical composition comprising:

from about 8 to about 90% of at least one hormone;
from about 10 to about 92 % of at least one solvent,
optionally a pharmaceutically acceptable carrier, and
optionally a coloring agent,

wherein the at least one hormone is progesterone.

11. A concentrated hormone pharmaceutical composition comprising:

at least one hormone;
a solvent,
a coloring agent, and
optionally a pharmaceutically acceptable carrier.

12. A concentrated hormone pharmaceutical composition according to claim 9, wherein the hormone is choose from estradiol, estrone, estriol, testosterone, DHEA, pregnenolone, progesterone, or combination thereof.

13. A method for producing a liquid or semi-solid concentrated hormone pharmaceutical composition, the method comprising the steps of:

- a) measuring at least one hormone, a solvent and/or optionally a carrier by using an electronic balance in a clean room;
- b) combining the ingredients of step a by using an industrial scale mixer to ensure thorough mixing; and
- c) running the mixture of step b through a large-scale ointment mill or homogenizer to decrease the particle size of the drug, and
- d) optionally, heating the concentrate to facilitate the formation of a solution,

wherein the hormone concentration is from about 0.6 to about 80%.

14. A method according to claim 13, further comprising packing the concentrated hormone pharmaceutical composition in a graduated dispensing device.

15. The method according to claim 14, wherein the graduated dispensing device is chosen from the group consisting of a metered dose tube, a metered dose pump, a metered dose syringe, a bottle, an ointment jar, a metered dose spray bottle, a bottle fitted with an adapter cap, bottle with a pipette, bottle with a burette, a jar with a metered dose scoop, and a luer lock syringe, a pipette, a bottle top dispenser, a burette, or a metered dose scoop.

16. A concentrated hormone pharmaceutical composition according to claim 1, wherein the solvent is chosen from propylene glycol, ethoxy diglycol, glycerin, mineral oil, fixed oil, emu oil, peanut oil, vitamin E oil, acetone, amylene hydrate, benzyl benzoate, corn oil, cottonseed oil, diethylene glycol monoethyl ether, ethyl acetate, isopropyl alcohol, methyl alcohol, methylene chloride, methyl isobutyl ketone, polyethylene glycol 300, polyethylene glycol 400, polyethylene glycol 600, sesame oil, alcohol, a 50% ethoxy diglycol and 50% propylene glycol mixture, water, or combination of thereof.

17. A concentrated hormone pharmaceutical composition according to claim 1, wherein the concentrated is in a powder form.

18. A kit for producing a liquid or semi-solid concentrated hormone pharmaceutical composition, the kit comprising:

at least one hormone;

at least one solvent, and

optionally a pharmaceutically acceptable carrier,

wherein each element is provided in separated graduated dispensing devices.

19. A kit according to claim 18, further comprising separately packing the at least one hormone and the at least one solvent in a container having internal divisions, wherein the at least one hormone and the at least one solvent are combined by the purchaser to form the hormone concentrate system.

20. A concentrated hormone pharmaceutical composition comprising:

from about 0.6 to about 80% of at least one hormone;

from about 20 to about 90.4 % of a pharmaceutically acceptable carrier.

21. A concentrated hormone pharmaceutical composition according to claim 1, wherein the concentrate is color-coded.

22. A concentrated hormone pharmaceutical composition comprising:

at least one hormone;

at least one solvent, and

optionally a pharmaceutically acceptable carrier

wherein the weight concentration of the at least one hormone in said composition is equal or greater than 0.6%.

23. A concentrated hormone pharmaceutical composition comprising:

at least one hormone;

optionally a powdered base;

wherein the at least one hormone is chosen from estriol, estradiol, or combination thereof; and

wherein the composition is in a powdered form.

24. A concentrated hormone pharmaceutical composition according to claim 23, wherein the at least one hormone a combination of estriol, estradiol in a ratio of 5:5, 6:4, 7:3, 8:2, or 9:1.

25. A concentrated hormone pharmaceutical composition comprising:

at least one hormone; and

optionally a powdered base;

wherein the at least one hormone is chosen from estriol, estradiol, estrone, or combination thereof; and

wherein the composition is in a powdered form.

26. A concentrated hormone pharmaceutical composition according to claim 25, wherein the at least one hormone is a combination of estriol, estradiol, and estrone in a ratio of 5:4:1, 6:3:1, 7:2:1, or 8:1:1.